

REMARKS

This Reply is in response to the Office Action of June 6, 2006. Reconsideration of this application in view of the following remarks is respectfully requested.

Claims 1-19 are pending in this application.

In the Office Action, claims 3-13 and 15-19 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1, 2, and 14 were rejected under 35 U.S.C. §102(b) as being anticipated by Hsu U.S. Patent No. 6,433,395 (the '395 patent). These rejections are respectfully traversed.

Claim 1 is directed to integrated circuit antifuse circuitry. The antifuse circuitry of claim 1 includes a metal-insulator-semiconductor antifuse transistor. The antifuse circuitry also includes circuitry that applies voltages to the antifuse transistor to program the antifuse transistor.

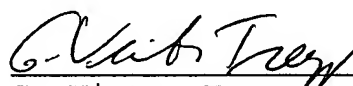
The '395 patent, in contrast, is directed toward electrostatic discharge protection arrangements for integrated circuits. The '395 patent discloses conventional transistors and discloses that the conventional transistors can be damaged by electrostatic charges. However, the '395 patent does not disclose circuitry that applies voltages to an antifuse

transistor to program the antifuse transistor as required by the language of claim 1. Claim 1 is therefore not anticipated by the '395 patent and is in condition for allowance. Claims 2-19 depend from claim 1 and are therefore also in condition for allowance.

The undersigned thanks the Examiner for the telephone interview of June 19, 2006. During the interview, the undersigned explained the differences between the '395 patent and claim 1. The Examiner acknowledged these differences and requested that the undersigned file this Reply.

The foregoing demonstrates that claims 1-19 are patentable. This application is therefore in condition for allowance. Reconsideration and allowance of the application are respectfully requested.

Respectfully submitted,

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